Subject: Re: T2T_Coil 9
From: Luciano Elementi <elementi@fnal.gov>
Date: 3/23/2015 3:20 PM
To: Alfred R Nobrega <nobrega@fnal.gov>
CC: "Steven T. Krave" <skrave@fnal.gov>, Oliver J Kiemschies <ollie@fnal.gov>

As per our previous conversation Fred there is no short.
The anomaly is indicative of a localized differential impedance, probably due to Turn-to Turn cable tightness, and possibly to the differential distance of the mold outer wall.
Decision has been made to proceed with coil production.
Thank you, Luciano.

On 3/23/2015 1:58 PM, Alfred R Nobrega wrote:

> Luciano,
>
> Since the turn to turn measurement is sensitive to cable position, the anomalous behavior could be from the added spacers and tighter corners. However, what needs to be ruled out is whether or not this signal is caused by some type of short? What confidence do we have regarding the absence of a short?
>
> Fred
>
> -----Original Message-----
> From: Luciano Elementi
> Sent: Monday, March 23, 2015 12:11 PM
> To: Alfred R Nobrega
> Cc: Steven T. Krave; Oliver J Kiemschies
> Subject: T2T_Coil 9
>
> Fred,
> This coil presented an anomaly (see DR 10559) and still does for about 20% in magnitude (see attached).
> Scratching our head for a plausible explanation Steve suggest that that corner ended up tighter and it may have influenced the impedance there.
> That may be.
> We want to hear your voice on this prior to proceeding, if just noting the anomaly suffice.
> Thank you, Luciano.